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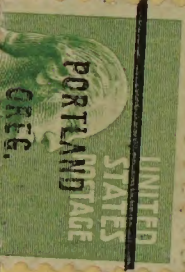
of Miller's Popular
Dahlias
and
Cultural Guide

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Sure to Grow, Bloom and Please

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N. A. MILLER

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Fruit and Vegetable Crops and Diseases

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TO MY DAHLIA FRIENDS

With the advent of another planting season it gives me pleasure to send you my 1940 catalog, and again offer you many popular Dahlias at low pre-paid prices.

PLEASE SEND YOUR ORDER EARLY!

I also wish to urge my customers to send me your order early. It will help me to give you better service and will insure you of getting the varieties you want. As a special inducement for these early orders I will allow an additional - - -

10 PER CENT DISCOUNT

- - - on all orders received before March 15th, 1940. Delivery any time after April 1st, to June 10th . . . earlier if requested.

I never substitute unless requested but sometimes late in the season I am sold out of some kinds—If your order is sent late, will you please name a second choice or allow me to substitute. I will make a good selection for you.

SPECIAL OFFER

. . . of small Dahlia tubers at 50% discount . . . or at one-half less than catalog price!

I will have a surplus of small size tubers, which were grown from late plants. These tubers are a little too small for my regular catalog trade. However, they are of the same good quality—plump and firm, and if planted in well-prepared soil (not too deep - see cultural directions) and given good cultivation will produce equally as fine flowers as larger roots.

Honestly, this is a real bargain. Quantities are limited—so, Send your order NOW!

At this low cost almost anyone can afford a garden full of Beautiful Dahlias.

Quality and true to name guaranteed. If any should prove otherwise, on proper proof I will either replace the stock or refund the purchase price.

When I receive your order, you can expect good packing and your Dahlia roots to arrive in fine condition—sure to grow, bloom, and please.

Thank you for past favors, and I hope I may have the pleasure of receiving your valued orders again this year.

Yours very truly,

N. A. MILLER

GENERAL LIST OF Popular Dahlias

N. A. MILLER

2334 S. E. 66th Avenue

PORTLAND, OREGON

• • •

ABBREVIATIONS TO TYPES— C, Cactus;
D, Decorative; P, Peony; Sh., Show; H. C., Hybrid
Cactus; S. C., Semi-Cactus.

CHOOSE YOUR OWN COLLECTIONS! AND ENJOY THESE DISCOUNTS

Any kinds listed @ 25c each

3 for \$.70 — 6 for \$1.35 — 12 for \$2.65

Any kinds listed @ 35c each

3 for \$1.00 — 6 for \$1.95 — 12 for \$3.85

Any 3 kinds listed @ 40c each

3 for \$1.15 — 6 for \$2.25 — 12 for \$4.40

Any 3 kinds listed @ 50c each

3 for \$1.40 — 6 for \$2.75 — 12 for \$5.40

Any 3 kinds listed @ 75c each

3 for \$2.15 — 6 for \$4.25 — 12 for \$8.35

Additional 5% discount on orders of \$10.00 or more.

Price Each

ACHIEVEMENT, S. C.— Gold with bronze shading. Immense size. Winner American Home Achievement Medal 1930.35

ADIRONDACK SUNSET, I. D.— A brilliant scarlet with golden tips, center is tipped golden orange, reverse of petals flushed with gold. Immense big blooms on stout stems. Honor Roll Dahlia50

ADLER, D.—Beautiful waxy white blooms of medium size, very stout stems, excellent for cutting.35

ADORABLE, I.D.—Perfect blooms of cream flushed with Rose and Gold.50

AIKO, S. C.—Brilliant carmine red, with silver reverse. Large deep flower, on strong stems. Roll of Honor Dahlia.35

AIR MAIL, I. D.—A fine light lavender Dahlia, good stems. A Northwest prize winner.35

AMBASSADOR, C—Yellow buff, shaded salmon pink, immense blooms.35

AMELIA EARHART, S. C.—Apricot buff-flushed coral. One of the largest Dahlias, great prize-winner. On the Roll of Honor, 1932.50

AMERICA'S SWEETHEART, I.D.—Very large, massive blooms of pure yellow, often 10 to 12 inches across held on long stiff stems—fine for exhibition.50

AMERICAN TRIUMPH, C.—Huge Oriental red. A Roll of Honor Dahlia.35

REMEMBER— Everything will be well packed and sent prepaid by parcel post or express.

- ANDREA ERICKSON, D.**—Very large pure white, exhibition Dahlia.50
- ANDREAS HOFER, C.**—Bright salmon pink, deep golden yellow center, excellent cut flower Dahlia.25
- ANN RUTLEDGE, D.**—Glowing orchid cerise, shaded rose. Artistically formed blooms with curled petals. Very long stout stems. Achievement medal winner.35
- ARELDA LLOYD, I. D.**—The yellow Jane Cowl. Immense big full deep blooms of good substance often 10 inches across by 5 to 6 inches deep. Stout rigid stems. Sport of the most famous of all the big Dahlias, Jane Cowl. Highest score at the Trial Gardens of The American Dahlia Society, 1933. Sure to become popular.40
- BALLEGOS GLORY, F. D.**—Rich mahogany red, edged with gold, very attractive.35
- BALLET GIRL, C.**—Very large orange and white.... .25
- BLUE TRAIN, F.D.**—Beautiful deep rosy lavender, with bluish shade.35
- BLUE RIVER, F. D.**—Color a blue French violet, blooms very large, good stems, prolific and constant bloomer.... \$1.00
- BOYCHICK, I. D.**—Huge garnet red, shading lighter red to edge of petals. Immense blooms often 10 inches across on fine stout stems, prolific bloomer.35
- BUCKEYE BRIDE, F. D.**—A beautiful shade of Germanium pink.50
- BUCKEYE KING, I. D.**—Very large clear amber yellow. Strong vigorous growing plants, prolific bloomer, stout stems. On the Roll of Honor.35
- BURR McINTOSH**—Large primrose yellow, tinted pink with long clean stems.35
- CALIFORNIA IDOL, I. D.**—One of the largest dahlias. color a clear glistening yellow, great big deep blooms often 14 inches on good stout stems. On account of its immense size it has been called the Yellow Murphy's Masterpiece. An outstanding prize winner. On the on the Roll of Honor.75
- CAMEO**—See Sanhicious Cameo.
- CHAS. G. REED, F. D.**—Petunia red, or reddish purple, immense large blooms on good stems.35
- CHAMPOEG, D.**—The Dahlia beautiful, large waxy yellow shading to salmon pink. On the Dahlia Roll of Honor.40
- CHAUTAUQUA SALUTE, F.D.**—A fine pure white. .40
- CHAUTAUQUA SUNSET, I.D.**—A showy blending of sunset colors, gold, orange and old rose.50
- CHEMARS MASTERPIECE, C.**—Orchid pink, very large.25
- CITY OF CLEVELAND, I. D.**—A showy bright scarlet, splashed with orange, immense blooms, 8 to 11 inches on strong stems. A Certificate of Merit Dahlia and Roll of Honor.40
- CITY OF TRENTON, D.**—Tangerine orange, reverse crushed strawberry.25
- CLARA BARTON, I. D.**—Pale orchid lavender, immense blooms on good stiff stems, sturdy growing plants of medium height.35
- CLARA CARDER, I.D.**—Beautiful cyclamen pink, very large blooms, plants of medium height. A prize winning Dahlia from New Zealand.50
- CONQUISADOR, S. C.**—Large creamy soft yellow, shading to pink. Husky growing plants.35

- CORA BUTTERWORTH, D.**—Large silvery primrose yellow. Extra fine Exhibition Dahlia.35
- CORNELIA BRICE PINCHOT, I. D.**—Huge heavy full deep blooms, color a rich glowing burgundy wine red. The immense big flowers are held almost on top of stout stiff stems. Strong vigorous growing plants. On the 1935 Roll of Honor.50
- CROYDON GEM, D.**—A beautiful light mauve color—perfect blooms on long clean stems. A fine cut flower Dahlia.50
- CROYDON JEWEL, D.**—An outstanding Dahlia imported from New Zealand. Big massive artistically formed blooms often 8 to 10 inches across, are held high above the foliage on extra long stout stems. Color a beautiful blending of autumn shades, deep bronze with peach pink undertone and salmon-rose reverse. Keeps well when cut and a first class exhibition Dahlia.75
- D. B. CRANE, I.D.**—Showy crimson-scarlet tinged with orange — large blooms on good stems.35
- DADDY KEMP, F. D.**—A rich purplish red, of immense size, often 14 inches across. A real man's flower. A great prize winner. Received special mention at the Portland Dahlia Show. On the Roll of Honor75
- DAILY MAIL, I. D.**—One of the largest Dahlias, immense big blooms of deep yellow blending to golden orange. Strong erect stems, a great prize winner.... .40
- DEMOCRACY, F. D.**—Large primrose yellow, shaded deeper, excellent stems. Certificate of Merit, A. D. S., 1934.35
- DERRILL W. HART, D.**—Reddish copper, large perfect blooms, excellent long stems. A Roll of Honor Dahlia.35
- DIXIE RAVENSCROFT, I. D.**—Glowing flame, bright gold reverse. Huge flowers on long stems. Roll of Honor Dahlia.35
- DWIGHT W. MORROW, D.**—Rich deep red; very large blooms, one of the best reds.40
- EAGLE ROCK BEAUTY, D.**—Large pink cream center.35
- EAGLE ROCK FANTASY, D.**—Immense big deep blooms, clear mallow pink stout stems. A Great Exhibition Dahlia. On the Roll of Honor.40
- EAGLE ROCK GEM, C.**—Maize yellow shading to pink. Large perfect flowers on excellent stems.35
- EARLE WILLIAMS, D.**—Large red tipped white.25
- EDITH WHITAKER, I. D.**—Rich dark velvety crimson with maroon shadings. Very large blooms on strong stems, one of the best of this color.25
- EDNA FERBER, H. C.**—Coral shading to old gold, very large perfect blooms.25
- ELEANOR ROOSEVELT, F. D.**—Pure white of exquisite beauty, big perfect blooms on fine long stems. Roll of Honor Dahlia35
- ELEGANCE, S.C.**—A glistening coral color with center and tips of petals yellow. Large massive blooms with petals that swirl in such a manner as to make it a very artistic and beautiful Dahlia, very free flowering. On the Roll of Honor.40
- ELITE GLORY, D.**—Bright red, stout stems, one of the largest dahlias.35
- FAY BEATON, I. D.**—A fine large creamy white.35

	Price Each
FRANK MILLER, D. —Picric yellow, very large blooms, stout stems. ....	.25
FRAU O. BRACHT, Semi-C. —Clear pale primrose yellow. Wonderful cut flower Dahlia and a great prize winner. ....	.35
FRAU IDA MANSFIELD, C. —Attractive cactus-type flowers of pale lemon yellow, profuse bloomers, excellent stems. ....	.50
FREDA FRANK, S. C. —Large scarlet, the petals curl and twist at tips showing orange reverse, good stem, very attractive. ....	.35
FOREST FIRE, I. D. —Immense big flashy blooms of bright scarlet flame and flashes of yellow. Fine for exhibition. On the Roll of Honor. ....	.50
FORT WASHINGTON, D. —Dark mahogany red. A Roll of Honor Dahlia. ....	.35
FULL MOON, F. D. —Large bright canary yellow, with broad petals, good stems. ....	.35
GALLI CURCI, D. —Brilliant salmon orange, with golden sheen, very large blooms. A prize winner ....	.25
GIRL OF HILLCREST, F. D. —Bright Mikado orange. A great favorite. Roll of Honor. ....	.35
GOLDEN ECLIPSE, F. D. —Clear golden yellow with Salmon blush. Big deep blooms 8 to 10 inches on good stems. A Roll of Honor Dahlia. ....	.35
GOLDEN GIRL, C. —Immense big pure golden yellow. Largest cactus variety that I have seen. ....	.40
GOLDEN GOBLIN, F. D. —Rich gold, large perfect blooms on long, stout stems. One of the best of its color. ....	.35
GOLDEN STANDARD, C. —Golden tan with a darker center. Large perfect blooms, on strong slender stems. Winner of many prizes and on the Roll of Honor. ....	.50
GOODACRES SENSATION, C. —A light shade of strawberry red. Very large blooms with long slightly incurved petals, good stout stems, fine for exhibitions. ....	.50
GOODNIGHT, I. D. —Very large dark maroon. A great prize winner. ....	.50
GOODWILL, S. C. —Beautiful pink with blending of creamy yellow at center. Large long petaled flowers on good stems. Truly a lovely Dahlia. ....	.35
GRACE CURLING, I. D. —Pure, lilac with a pink tint and shading to white base, very large blooms with cleft petals, long stems. A very beautiful Dahlia. ....	.25
GRAND SLAM, S. C. —Large perfect blooms of tyrian rose, citron yellow, and amaranth pink—Winner of many prizes.	\$1.00
GRANDEE, I. D. —Spanish red and yellow, immense big 12-inch blooms, good stout stems. Achievement Medal winner. ....	.50
GREY DAWN, F. D. —A beautiful Dahlia. Color oyster grey or white, center tinted lavender. Massive deep blooms with many pointed petals, strong erect stems, fine for exhibition and good cut flower Dahlia. ....	.50
HAPPY WARRIOR, D. —A vivid shade of blood rose, or mulberry red. A very interesting color. Blooms often 8 to 10 inches on good stems. ....	.50
HILLCREST NUGGET, F. D. —Huge blooms of deep golden bronze, excellent stems. On the Roll of Honor. ....	.50
H. R. S. (HERBERS ROY STOVELL), Dec. —Huge golden yellow blooms on long stiff stems, tall strong plants, fine exhibition Dahlia. On the Roll of Honor. ....	.35

- HUNT'S VELVET WONDER**, I. D.—Immense big deep blooms often 12 inches, on extra strong stems. Color a rich bright violet burgundy under some lights looks royal purple. A great prize winner. Received special award of merit at New York Show 1934. On the Roll of Honor.50
- IDA PERKINS**, D.—An extra fine white. Ideal stems.25
- INDIANA MOON**, I. D.— Very large blooms, beautiful blending of many colors; yellow, flesh pink, ochre, and red. A Roll of Honor Dahlia.25
- IRENE ANDERSON**, H.C.—Huge blooms, often 10 inches across; rosy; purplish cerise; heavily tipped white, good stems. A very attractive Garden Dahlia, and showy exhibition flower.50
- ISLAM PATROL**, I. D.—Dark velvety crimson-scarlet, tipped and flushed with gold, a striking variety.35
- J. K. ALEXANDER JR.**, I.D.— Immense big deep bloom of Crimson-scarlet, lightly splashed with orange—good stout stems. Award of Honor Georgia Experiment Station.50
- JANE COWL**, D.—Very large bright bronzy buff and old gold. Roll of Honor Dahlia, extra fine.25
- JANE ROSS**, I. D.—Bright purplish crimson, shaded violet and overlaid with a velvety maroon sheen, deepening toward the center of the flowers, good size blooms on long stiff stems. Early and free bloomer.35
- JANET SOUTHWICK**, I. D.—A deep shade of tyrian rose or burgundy red. Large blooms on good stems. Fine for exhibition. Roll of Honor Dahlia.35
- JEAN TRIMBEE**, S. C.—Rich shade of petunia-violet, very large blooms, a great prize winner.35
- JENNY LIND**, I. D.—A silvery pastel mallow pink, this dahlia is a real beauty35
- JEROME KERN**, I. D.—A gorgeous shrimp pink with gold shadings. The long petals twist and curl back to the stem making a large deep full flower, extra long strong stems. Early and free flowering, great prize winner. On the Roll of Honor.35
- JERSEY BEAUTY**, D.—True pink, extra fine.25
- JERSEY BEACON**, D.—Chinese scarlet, lighter reverse, very large and fine.25
- JERSEY DAINITY**, C.—A lovely white with faint tint of pink. The fine incurved deep blooms are held perfectly on long stiff stems.40
- JERSEY GLORY**, D.—Beautiful bright orange, buff blooms on fine stems.25
- JERSEY IDEAL**, D.—Deep lavender pink, very large.25
- JERSEY MAMMOUTH**, D.—Golden mahogany, very large blooms, often over 12 inches across.25
- JERSEY MELODY**, S. C.—An attractive color of bright tyrian rose, tipped silver with silver reverse. 1932 Roll of Honor.35
- JERSEY RADIANT**, H. C.—Bitter sweet orange. Extra fine cut flower.25
- JOSEPHINE G.**, S. C.—Bright shade of true rose pink tipped straw yellow. 1929 Roll of Honor Dahlia. Very fine.25
- JUDGE MAREAN**, D.—Glowing salmon, red, orange, and yellow.25

- JUNE JUSTICE**, I. D.—Rich, deep shade of tyrian rose, suffused with bright purple, blooms often 10 inches, on good strong stems, very fine.40
- KATHLEEN NORRIS**, D.—Very large rose pink, a great prize winner.35
- KATHLEEN V. SMITH**, C.—A beautiful pure pink, shading to white center, perfect cactus blooms on long wiry stems. Excellent cut flower.50
- KAY FRANCIS**, S.C.—A soft lemon yellow. A glorified Frau O'Bracht, but a larger flower with more petals. A great prize winner, 1934.50
- KEMP'S BLACK KNIGHT**, I.D.—Rich velvety maroon. Almost black, huge flowers on good stems.50
- KEMP'S VIOLET WONDER**, D.—Large violet color. A gold medal Dahlia, 1927.35
- KEMP'S WHITE WONDER**—See White Wonder.
- KEWEAH**, I.D.— Deep cerise with rose shadings— Worlds Fair prize winner, Chicago 1933.50
- KING MIDAS**, D.—Pure golden yellow, huge blooms.25
- LA FIESTA**, I. D.—Huge blooms of deep sulphur yellow, penciled coral red, petals curl and twist. Good stout stems, a great prize winner.40
- LADY MOYRA PONSONBY**, I. D.—A pure glowing yellow. Huge blooms up to 12 inches wide, long, cane-like stems, color a rich deep golden yellow. Stiff stems great prize winner and on the Roll of Honor.50
- LEMONIA**, C.—A bright, clear lemon yellow. Immense blooms on good stems—1936 Roll of Honor.50
- LORD OF AUTUMN**, I. D.—One of the largest and most beautiful Dahlias. Immense big, deep golden yellow blooms— often 12 inches wide by 8 inches deep. Extra stout stems. A great prize winner.75
- LOUISE BATES**, S. C.—Immense big blooms often 10 to 12 inches wide by 7 inches deep. Color a beautiful mallow pink, with phlox purple center. A grand exhibition Dahlia.50
- MARION BROOMAL**, H. C.— Dark Lavender pink, white center, large.35
- MARY ELLEN**, F. D.—A greatly improved Mrs. I de ver Warner, immense big blooms of lavender pink. A Roll of Honor Dahlia.35
- MARY MURRAY**, C.—Bronzy shade of orange, deepening to flame, free bloomer.35
- MARYLAND GLORY**, D.—A fine shade of rich American Beauty red, very large deep blooms on excellent stems. An outstanding prize winner at the big Eastern shows in 1931. A Roll of Honor Dahlia.40
- MARYLAND ORANGE**, Semi-C.—A brilliant orange red. A gold medal winner, also on the Roll of Honor.35
- MINNIE MARSDEN**, C.—Beautiful watermelon pink, good stems fine for cutting.35
- MRS. ALFRED B. SEAL**, D.—Rich glowing old rose,25
- MRS. GEO. LE BOUTELLIER**, I. D.—Rich velvety carmine red. Immense big blooms on long extra stout stems. Sturdy healthy plants of medium height, fine exhibition Dahlia. On 1935 Roll of Honor.50
- MONMOUTH CHAMPION**, D.—Brilliant orange flame. Immense big blooms. Great prize winner. A Roll of Honor Dahlia.25

- MONMOUTH SUNBURST**, F. D.—Bright lemon yellow center, outer petals salmon orange producing a real sunburst effect. Large blooms on good stems. Truly a beautiful colored Dahlia. On the Roll of Honor. .50
- MONMOUTH QUEEN**, F. D.—A most pleasing color of picric yellow in the center, shading out to light primrose or creamy yellow. Immense blooms 10 inches and larger, held on long stiff stems. A My-te-fine Dahlia.50
- MURPHY'S MASTERPIECE**, I. D.—Truly a masterpiece for size. Immense big blooms often over 15 inches across; has been grown to 17¼ inches. Color a rich dark red shading into crimson. A sensational exhibition Dahlia and an outstanding prize winner at the leading shows. A Roll of Honor Dahlia.75
- MYRA HOWARD**, I. D.—Very large pure gold with rose sheen, that glistens in the sunlight. Achievement medal winner 1931.35
- MY MARYLAND**, H.C.—Rich bright pink, each petal tipped ivory. Excellent stems, beautiful cut flower.35
- NANCY ROBINSON**, I. D.—Pure pink, beautiful artistically formed blooms on strong slender stems. An English Dahlia that is sure to become a popular cut flower variety.25
- NEW GLORY**, H. C.—Large garnet red, tipped with white.35
- OAKLEIGH MONARCH**, F.D.—Rich bright cerise-red with large blooms on stout stems. A fine exhibition Dahlia, and on the Roll of Honor.75
- OREGON FLAME**, I. D.—Bright scarlet flame, gold reverse, large high center blooms on long rigid stems, the outer petals twist and droop around the stems which gives the blooms a huge massive appearance. Tall vigorous growing plants.50
- ORIENTALE**, D.—Large bright glowing coral orange, very showy.25
- ORIENTAL BEAUTY**, S. C.—Truly a beautiful Dahlia color of clear rose pink, good size perfectly incurved blooms on long stiff stems. Fine for cut flowers. Also fine exhibition Dahlia.50
- ORIENTAL GIRL**, I. D.—A grand large Dahlia of Chinese red and yellow, held on long stout stems. .50
- ORIENTAL GLORY**, I. D.—Bright vivid shade of orange overlaid with scarlet. Large perfect blooms on strong stems. Achievement Medal winner, 1933.35
- OLYMPIC SUNSET**, S. C.—Apricot orange, and coral with a blending of pale lemon yellow having a distinct zone of yellow at base of petals, reverse of petals rose, blooms often 10 inches across. A Roll of Honor Dahlia.50
- PALO ALTO**, S. C.—Clear bright salmon shading to gold center, very large deep perfect blooms on good stems. A great prize winner at the leading shows of 1934.40
- PINK DAILY MAIL**, F.D.—Bright lavender pink, shading to darker center, which adds greatly to its beauty. Immense blooms on good stems. Fine for exhibition.75
- PRACHTKERL**, S.C.—Deep yellow of large size, long stems. On the Roll of Honor.50
- PRES. FRANKLIN D. ROOSEVELT**, F. D.—Very large attractive blooms of Chinese red with fawn edge and creamy reverse. Wonderfully strong stems and husky growing plant. Certificate of Merit Dahlia, and a fine exhibition variety.35

- ROBERT EMMETT, I.D.**—A wonderfully rich velvety cardinal red, shaded crimson. Truly such a rich, beautiful color that it immediately attracts attention. Large perfect blooms on long stiff stems. Winner of many prizes and on the Roll of Honor.50
- ROBT. E. LEE, D.**—Bright rich cardinal red, that does not fade, fine stems, ideal cut flowers.25
- ROCKLEY MOON, I. D.**—Bright lemon yellow, shading darker to center, sturdy grower, producing large blooms on strong stems. Certificate of Merit 1933. A. D. S. A. A. prize winner.35
- ROOKWOOD, D.**—Beautiful shade of rose pink, good stems.35
- RUBY TAYLOR, I. D.**—A clear velvety carmine color that immediately attracts attention. Very large full deep blooms on strong rigid stems. Winner of many prizes.50
- SALBACKS WHITE, F. D.**—Pure white, good size blooms, long stems.25
- SAN BERNARDINO F. D.**—Deep rose pink. Large blooms on good stems. Dwarf grower.35
- SANHICANS BLUEBIRD, D.**—Bright violet blue. A near blue Dahlia.25
- SANHICANS CAMEO, F. D.**—A beautiful coral color with golden sheen, reverse deep rose pink. Huge blooms on very stout stems. A winner of many prizes. On the Roll of Honor.40
- SATAN, S. C.**—One of the largest and most sensational prize winning Dahlias. Immense big deep blooms with long horn-like incurved petals color flaming red, with a touch of gold at center, long rigid stems. A Roll of Honor Dahlia.40
- SHAHRAZAD, D.**—Pure deep pink. Extra large and very fine—known as the pink Jane Cowl.35
- SHALIMAR, F.D.**—Rich Poinsetta red, with a bright vibrant glow that arrests instant attention. Large perfect blooms that can be developed to 12 inches on fine stems. On the Mid-west Honor Roll.50
- SISKYOU, S. C.**—Pink, heavily tinged mauve. A great favorite.35
- SONNY BOY, I. D.**—A monster bloom of old rose, slightly striped and tinged old gold. Good stout stems, sturdy bush. A winner of many prizes.40
- SPOTLIGHT, I. D.**—Huge sulphur yellow shading to lighter tips, excellent stems. Achievement Medal winner and Roll of Honor Dahlia.40
- SULTAN OF HILLCREST, I. D.**—Clear deep lemon yellow, reverse rosy pink, a unique and unusual color effect that immediately attracts attention. Huge deep blooms on strong stems. A fine exhibition Dahlia.40
- SUPREME MONARCH, I. D.**—Very large, deep, brilliant red, reverse pearly white.35
- STAR OF BETHLEHEM, S. C.**—Pure white immense massive blooms like huge many pointed stars. Excellent stems.50
- TANG, D.**—Orange flame with gold shadings. A very showy Dahlia.50
- THE DUCHESS, I. D.**—Clear bright yellow at center, greater part of petals tipped pure white. Good size blooms on excellent stems. A beautiful Dahlia that never fails to attract attention.50

THE FIREMAN , I. D.—A showy, flashy cardinal red, with golden flushes. Fine large blooms on long stems. Prolific bloomer. Achievement Medal winner and Roll of Honor Dahlia. ....	.40
THE TELEGRAM , D—Orange, tipped white. Large perfect blooms, held on long stiff stems. Very showy Dahlia. ....	.35
THOS. A. EDISON , D.—Rich royal purple, large perfect blooms, excellent stems. One of the most popular Dahlias of recent introduction. ....	.35
TOWERS EMPIRE , I. D.—Immense blooms of clear gold, with a deep amber shading at the center. The best of stems. A fine exhibition Dahlia, on the Roll of Honor. ....	.75
TREASURE ISLAND , D.—Bright apricot and gold with rose shading, very large deep blooms on excellent stems. ....	.25
VALESKA , I. D.—Deep lilac, slightly deeper at center immense big deep blooms, held on long stout stems. Truly a very fine Dahlia. ....	.35
WASHINGTON GIANT , I. D.—Truly a giant for size blooms often over 12 inches across on good stout stems. Color bright lavender-rose blended with silver. Won Sweepstakes for largest bloom, Portland Show, 1935. On the Honor Roll. ....	.50
WHITE WONDER , I. D.—Large fluffy white, with long graceful wavy petals, fine for exhibition. On the Honor Roll. ....	.35
WILL ROGERS , D.—Large silvery lavender. ....	.35
WILLAMETTE , I. Dec—Beautiful blend of golden coral. Rose and Salmon. ....	.25
YANKEE GOLD , I. D.—Large perfect blooms of pure gold. ....	.50

Miniature Dahlias

A new type of small Dahlias, same in form as the large Decorative Cactus and Peony Dahlias, but blooms are small, only 2 to 4 inches across, have wire-like stems, are excellent cut flowers. Will keep for days, in water and work in nicely with other garden flowers.

BABY ROYAL , Min. S. C.—A beautiful little cactus dahlia of salmon pink, shaded apricot and gold, wiry stems, fine for cutting. A Gold Medal winner. ....	.25
BLUEBIRD , Min. D.—Bluish lavender, very free blooming. ....	.25
BLYETCHEN SCHEAL (Miniature Ball Dahlia from Germany) —Pure white, Plants of bushy robust growth and a constant prolific bloomer. Very good. ....	.50
CHEMARS UNUSUAL , Min. H. C.—Soft rose pink with large white center, very pretty. ....	.25
CORRONE —Pure waxy white, resembling a gardenia. ....	.25
CRIMSON GLOW , Min. P.—Rich, deep crimson, dandy, small curly centered flowers, held on long wiry stems fine for cutting. ....	.25

DREAMTHORPE , Min. D.—Australian prize winner. A fine autumn color, tango shaded primrose, coppery gold center, long wiry stems. ....	.35
ELIZABETH PAPE , MIN. C.—Pale pink, creamy white center very dainty. ....	.25
FAIRY , Min. F. D.—Beautiful pink. Known as the Miniature Jersey Beauty. ....	.25
GARDEN LOVE , Min. D.—Carmine rose and gold. ....	.25
GOLDEN CALIFORNIA , Cac.—Yellow, shaded with amber and salmon, 1934 Roll of Honor. ....	.35
HORIZON , S. C.—Apricot yellow, lightly edged red curly petals, fine long stems. ....	.35
IRENE , Min. D.—Perfect little flowers of a soft jasper red, fine for exhibition. ....	.25
KENTUCKY BABE , Min. D.—Salmon suffused old rose, very pretty cut flower. ....	.35
LADY MARY HOPE , Min. D.—(England) Orange amber, tipped with white, very attractive. ....	.35
LITTLE DREAM , S. C.—(Holland) Bright rose, light center and tips. Extra free bloomer, fine for cutting. ....	.35
LITTLE JEWELL , Min. D.—Pure peach blossom pink One of the most popular to date. ....	.25
ORCHID LADY , Min. F. D.—Orchid color, or lavender pink. Long wiry stems. Fine for cutting. ....	.25
OUR ANNIE , Min. P.—Shrimp pink, shaded amber. ....	.35
PINK PEARL , Min. D.—Lovely rose pink petals waved and twisted like an aster, long wiry stems, fine for cutting. ....	.25
RED ERIC , Min. D. (England)—Bright Scarlet with golden sheen. Fine stems—a very showy little Dahlia. ....	.50
RED HEAD — Orange scarlet of perfect form. Fine stems. On the Honor Roll. ....	.35
RHODA , Min. D.—Glowing orange rose, curled petals fine cut flower. ....	.25
SANHICANS SWEETHEART , Min. C.—Pale apricot, suffused shrimp pink. Prolific bloomer. ....	.25
SNOWDROP , Min. C.—Perfect little cactus blooms of pure white, long wiry stems, fine for cutting. ....	.35
TEDDY BEAR , F. D.—(Holland) Deep scarlet red This little Dahlia is quite different in formation, being more like a small double Camellias, is very free flowering, has fine stems, a lasting cut flower An outstanding miniature at the great Chicago show in 1936. ....	.35
TOOSIE , Min. F. D.—Bronzy rose color. ....	.35
TWINKLE , Anemone— Tiny flowers of pale pink tipped light yellow, cushion or center pale yellow. A fine, dainty little cut flower. Plants are always full of blooms. ....	.25
WASP , Min. D.—(England) Deep golden yellow. This variety often comes duplex or with open center. However, it is very free flowering, has good stems fine for cutting. ....	.35

POM PON OR MINIATURE BALL DAHLIAS

Very small, compact, quilled petaled blooms 1 to 2 inches in diameter. Excellent cut flowers.

All Pompons 25c each, or \$2.50 a dozen

- AIMEE**—A very tiny flower, beautiful bronze.
ALEX—Light cerise tipped silver.
AMBER QUEEN— Rich clear amber.
ATOM—Tiny orange.
BOB WHITE— Small pure white.
BOBBY—Deep plum color.
CENSOR—Deep crimson, shaded lighter.
CLAIR ELIZABETH— Bright Maroon.
EDITH MUELLER—Beautiful rose red, blended with rich creamy yellow.
GLOW— Glowing old rose.
GOLD DROP— Pure golden yellow.
HARRY SNOOKS—Beautiful rose pink, white center.
HILDE PUPPEE—New (Germany). Bright crimson with dark center, fine stems.
HONEY— Light yellow, suffused red.
IOLANTHE— Salmon orange, long stems.
JOE FETTE—Pure white.
LIBBIE ROHR—Cerise purple.
LITTLE BEESWING— Bright red, shading to yellow base, small perfect flowers.
LITTLE BUGLER— A beautiful lilac rose.
LITTLE LLOYD— Deep orange shading to amber.
LITTLE MARY— Small maroon, suffused magenta.
MARIETTA—Deep rosy crimson.
MARY MUNNS—Fuchsia. Dark orchid sheen.
MIKE—Scarlet orange.
MINNIE MELLS—Orchid rose flushed deeper, orchid, fine stems.
MRS. V. BRITTAIN—A lovely little pink, from New Zealand.
NELLIE FRAZIER— Light pink heavily edged bright rose. A beauty.
PEGGY ANN—Yellow, shaded brown red.
PHOEBE—Very showy, bright orange.
SCARLET GEM— A very bright scarlet, ideal long stems. Very showy and fine for cutting.
PRIDE—Dark crimson red.
SUNSET—Orange, very small.
TOM THUMB—Rich garnet red, very small.
VASHDEE—New. Lovely little blooms, color white tipped pink. A champion prize winner at Australian and New Zealand shows.
YELLOW GEM—Rich golden yellow, perfect little blooms, on long stems.

REMEMBER— Everything will be well packed and sent prepaid by parcel post or express.

DAHLIA CULTURE

By N. A. MILLER

There are so many different opinions about how and when to plant Dahlias that I almost hesitate to offer cultural directions that will apply everywhere. However, you will have to use your own judgment to some extent because you know your climatic conditions, seasons, soil, etc.

In our Pacific Northwest, the Dahlia is treated as a late summer or autumn flower—and is at their best after the fall rains start. So, you see, Dahlias naturally love a lot of moisture at the blooming period. Dahlias are easily grown, requiring no special skill to bring them to perfection—any good garden soil will produce fine Dahlia blooms if well prepared by deep spading, good cultivation and plenty of moisture at blooming time.

Preparing your soil—Spade your soil 10 to 12 inches deep about a month before planting, and rake once a week to conserve the moisture. Then, just before planting your Dahlias, work your soil over again until it is very loose and deep, and without lumps.

If your soil is clay or very heavy and hard to keep in good tillable condition, add sand, old sawdust, or your stove ashes and peat moss. If you use peat moss, add some lime to counteract the acidity.

If your soil is poor, broadcast and work into the top soil some good commercial fertilizer not too high in nitrogen content. A fertilizer compound 4-8-7 (can be bought at almost any seed store) composed of 4 per cent nitrogen, 8 per cent acid phosphate, 7 per cent potash, or use bone meal at the rate of a double handful to each plant.

Planting—Dahlias may be planted any time after the soil has become thoroughly warmed. But for best results, plant from May 10th to June 15th. I believe planting between these dates will apply to all parts of the U. S. A. except perhaps some of the southern states where they plant earlier so that the plants will become well rooted and established before the very hot weather sets in.

Dahlias grow very quickly in hot weather if the soil has been well prepared, and the Dahlias get a good supply of moisture and provided with either good cultivation or irrigation. If your Dahlias come into bloom during very hot weather or during a drought, mulch around and between the plants with some loose material like straw, peat moss, old sawdust or your lawn clippings to conserve moisture and protect the feeding roots which come close to the surface as the plants develop. *This fact is not generally understood and will account for many failures.*

Plant, if possible, in an open, sunny situation where your plants will have good air circulation and not be too close to trees or big shrubs. Large Dahlias should be planted about 3 feet apart each way—smaller sorts, like miniature and pompons, can be planted 2 feet between the plants. A good medium size root, as a rule, will produce the best flowering plant.

Drive a strong stake to support the plants before planting. Never stand the root on end, but lay flat or on slight angle with eye or sprout up in holes 4 inches deep for heavy soil and 6 inches deep in very loose or sandy soil. Cover only about 2 inches and when the roots begin to grow, put in the balance of the soil.

Do not water if your soil is quite moist. If too dry it will be better to water your ground thoroughly a day or two before planting and cultivate the surface. Watering at the time you plant, especially heavy soil, packs

around the tuber and greatly retards root development in the early stage of the plant's growth.

Cultivation— To have the greatest success with your Dahlias, the trick is to keep your plants growing. Good cultivation is most essential for best results. Start cultivating soon after planting (be careful not to disturb the root). Hoe deeply or cultivate with a garden hook about once a week to form a good deep soil mulch which will conserve the moisture and check the weeds. As the plants grow and when about 18 to 20 inches high, deep cultivation should cease and only rake lightly the surface of the soil after each rain or watering. Also, at this stage of the Dahlia plants growth, the feed roots come toward the surface of the soil. This is a good time to apply your fertilizer—broadcast and work it into the top soil. Also give the ground a heavy watering, after working in the fertilizer, to dissolve and keep it in solution so it will be available for the feeding roots. If the weather is very hot and dry, apply a good loose mulch previously directed.

Watering— Good cultivation is more important than water in the early stage of a Dahlia plant's growth. But in very hot and dry weather, water is quite necessary to keep up a strong, continuous growth. However, it is not advisable to begin watering until the plants really need it. Then water every ten days or two weeks, cultivating the top soil after each watering as soon as the soil is workable. To make your plants healthier and to hold the insects in check, give your plants a good shower bath every evening during dry weather. When the plants start to show flower buds, water should be applied freely and in large quantities once a week. This will force a greater quantity of flowers with long stems and the largest size blooms. When you water, soak the ground thoroughly. Best to set your sprinkler in the evening among your Dahlias and let the water run until the soil is saturated but not puddled and turn the sprinkler on again the next morning. This last sprinkling will drive the moisture down to a lower level—consequently, you hold moisture longer then when you just wet the surface.

Fertilizer— Dahlias don't require very rich soil to produce fine flowers. But to get good exhibition blooms, a liberal amount of a well balanced fertilizer should be applied broadcast around your plants (be careful not to apply too close to base of plants) and thoroughly worked into the soil about a month or six weeks after planting.

The fertilizer formula previously mentioned would be good, supplemented by a good sprinkling of tankage with a little lime and crude sulphur added and applied about every two or three weeks while the Dahlias are in bloom.

Vigoro is another good fertilizer for Dahlias.

Disbudding— When your plants have made their second or third set of leaves, pinch out the tops—this causes your plants to branch and not grow so tall. If you do this, stakes will not be so necessary unless you have heavy fall rains and strong winds that will break them down. A strong stake 5 or 6 feet long driven firmly into the ground with the plant loosely tied to it, will prevent breakage.

For choice cut flowers or exhibition blooms, pinch off the two side buds and disbud the branches to the last two sets of leaves near the stalk letting only one bloom develop on a stem. For garden decoration it is not necessary to disbud the branches as a large number of good sized flowers are of more value for a fine garden display than only a few highly developed blooms. Keep old withered flowers picked off and your plants will bloom better.

Cut Flowers— The blooms should be well developed and cut late in the evening. Put in deep, cold water in a cool place overnight. The blooms that have wilted by

HAVE YOU A HOBBY?

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next morning will not keep. Burning the stem ends in a flame, or dipping ends in boiling water for a minute or two will help. You can sometimes revive wilted blooms by laying them in a bath tub of cold water or sprinkling the flowers with water.

Digging and care of the roots in winter— After the first killing frost, cut off the stalks at once, close to the ground, and let stand a few days for the roots to ripen. Did carefully so as not to break the tubers near where they join the stalk. Remove most of the soil. Then cut off the rest of the stalk close to crown of the clump and pack at once in shallow crates or boxes. (vegetable crate 18x24 inches — 8 to 12 inches deep is ideal). Cover with shavings or sawdust and store in a cool, frost-proof cellar or basement. If your basement is heated by a furnace, it will be best to line the inside of crates with several layers of newspaper—also cover the roots thickly with newspaper to exclude the warm air which causes the roots to shrivel. Watch your roots during the winter. If they mildew near the crown, take off the top paper for a day or two to let the excess moisture escape. If too dry, moisten the sawdust or shavings or wet the top paper and replace.

Dividing— In the spring when the tubers commence to sprout, the clumps should be divided with a sharp knife to single tubers with one strong eye or sprout to each tuber. You will find the eye or sprout at the base or crown of the stalk where the roots or tubers join the plant — never on the tubers.

If, after dividing, you are not ready to plant, cover them again with moist soil, peat moss, or sand, to keep them in good condition until wanted.

In writing this article on Dahlia Culture I have endeavored to give you the best of my knowledge gained from almost 25 year's experience in growing fine Dahlias. I hope these cultural directions will be of value to you and that you may have great success in growing these wonderful flowers.

Sincerely yours,

N. A. MILLER

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